

ABSTRACT OF THE DISCLOSURE

Individual components are accurately separated from a sample containing a high concentration of components-to-be-separated. The separation apparatus includes a channel through which a sample containing components-to-be-separated moves; and gateway portions partitioning the separation channel into a plurality of compartments. The separation apparatus further includes an external force imposing unit, which imposes external force to the components-to-be-separated so as to allow them to move through the channel. The external force imposing unit is configured so as to alternately and repeatedly execute a first external force ~~by which the external force is~~ imposed in the forward direction of the channel, and a second external force ~~by which the external force is~~ imposed in the direction opposite to the forward direction along the channel. This makes it possible to fractionate the components-to-be-separated into any of the compartments.